

BATTERY CHARGER, VEHICLE-MOUNTED CHARGER (VMC)

NSN: 6130-01-527-2726

TAMCN: H6002

ID: 11100B



Functional Description

The Vehicle-Mounted Charger (VMC), PP-8481B/U, is the replacement for the Charger-On-The-Move (COTM). The VMC is designed for mounting in a tactical vehicle and provides forward area charging capabilities. The VMC charges two batteries at a time and automatically moves to the next two batteries in queue. The VMC comes with two Universal Adapters (J-6520A/U). Additional adapters are available but must be ordered separately. To avoid draining the vehicle battery, the VMC has a low voltage cutoff, which will stop battery-charging operations when low voltage is detected from the vehicle battery.

Technical Description

Battery Charger

Manufacturer: Bren-Tronics
 Model: PP-8481B/U
 Input: 90-260 VAC or
 22-28 VDC
 Frequency (Hz): 47-420
 Warranty: 4 Years from MFG
 date

Dimensions

Length (in): 27.0
 Width (in): 8.0
 Height (in): 14.0
 Weight (lb): 34.0
 Volume (ft³): 1.7
 Operating Temp: -4°F to +122°F
 Storage Temp: -40°F to +158°F

Adapter

J-6520A/U

Adapter NSN

5940-01-493-8744

Battery

BB-2590/U
 BB-388A/U
 BB-516A/U
 BB-2847A/U
 BB-2590/U
 BB-2001A/U (CSEL)
 BB-390/2590
 BB-2557B/U
 BB-2600A/U
 FALCON (PRC-152)
 BB-390/2590
 MBITR (PRC-148)
 BB-390/2590

Battery

BB-390B/U
 BB-2800/U
 BB-326
 MBITR (PRC-148)
 BB-390B/U
 BB-2800/U
 BB-2847A/U
 BB-557/U
 BB-2800/U
 BB-2847A/U
 BB-2800/U
 BB-2847A/U

J-6581/U (BULK) 5940-01-494-7116

J-6583/U * 5940-01-494-7118

J-6584/U 5940-01-494-7120

J-6585/U * 5940-01-494-3002

J-6585/U * 5940-01-494-4134

(*) Note: Requires software Version Program A.

Notes: Requires periodic software upgrades as new adapters become available. The Universal Adapter J-6520A/U is not interchangeable with the COTM Universal Adapter J-6520/U. Heating effects caused by AC power operation may degrade battery charge acceptance. The VMC comes with both an AC (CX-13553) and DC (CX-13554) power cables.